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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/458,132	02/16/2000	WILLIAM R. SPRAGUE	SPRAGUE-REI-	8479	
7	7590 11/18/2003	EXAMINER			
	ES OF ROYAL W. O	FISHER, MICHAEL J			
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BALTIMORE	, MD 21202		3629		

DATE MAILED: 11/18/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Examiner						$-\!-\!-\!$
## Deficie Action Summary Examiner Michael J Fisher 3629	•		Application	on No.	Applicant(s)	,
Michael J Fisher 3629	, Office Assists Summers				SPRAGUE ET AL.	
The MAILING DATE of this communication appears on the cover sheet with the correspondence address → Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Educations of time may be available under the growties of 37 CFR 1.136(a). In no event, however, may a reply be lainly filed If the period for reply specified below: the maximum attaching period within the statution yminimum of thirty (30) days, a reply within the statution yminimum of thirty (30) days, a reply within the statution yminimum of thirty (30) days will be considered timely. If the period for reply specified above, the maximum statution period will be statution yminimum of thirty (30) days, a reply within the statution yminimum of the reply the statution yminimum of the period of the communication, even if through (50) days, and the period of the period of the period of the communication, even if through (50) days will be considered timely. If the period for reply specified above is little with the maximid day of the communication. February within the sall or estronical principle of the communication, even if through (50) days will be communication. February within the sall or estronical principle of the communication of the communication. A place of the sall of the sall of the sall of the sall of the communication. Status 1) Secondary is sall of the s	•	Office Action Summary				
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THE MAILING DATE OF THIS COMMUNICATION. Extensions of mem ruly be available under the provides of 37 CFR 1.13(b). In no event, however, may a reply be timely filed after ISX (6) MONTIS from the mailing date of this communication. It NO provide for reply is spocified between the mailing date of this communication. It NO provides for reply is spocified above, the maximus trailurity preford along your divide agree X(6) MONTIS from the mailing date of this communication. Fallow to reply within the set of extended period for reply will, by datable, cause the application to become ARANDONED (39 U.S.C. § 133). Any reply received by the Office the the New Removers and strength of the Communication. Fallow to reply will be set of extended period for reply will, by datable, cause the application to become ARANDONED (39 U.S.C. § 133). Any reply received by the Office the the New Removers and the Provided ARANDONED (39 U.S.C. § 133). **Responsive to communication(s) filed on **Definition** June 18 through the ARANDONED (39 U.S.C. § 133). **Status** 1) **Responsive to communication(s) filed on **Definition** June 18 through the ARANDONED (39 U.S.C. § 133). **Status** 1) **S			appears on une	e cover sneet whin the	correspondence address	
1) Responsive to communication(s) filed on 09 January 2003. 2a) ☐ This action is FINAL. 2b) ☐ This action is non-final. 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) ☐ Claim(s) 1-4,16 and 17 is/are pending in the application. 4a) Of the above claim(s) is/are epiding in the application. 4a) Of the above claim(s) is/are rejected. 7) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on 09 December 1999 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 and 120 12 ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received in Application No application from the International Burseu (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(a) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78. a) ☐ The translation of the foreign language provisional application in an Application Data Sheet. 37 CFR 1.78. Attachment(s) 10 ☐ Notice of References Cited (PTO-892) 21 ☐ No	THE - Exte after - If the - If NC - Failu - Any	MAILING DATE OF THIS COMMUNICATIOnsions of time may be available under the provisions of 37 CFI SIX (6) MONTHS from the mailing date of this communication e period for reply specified above is less than thirty (30) days, a period for reply is specified above, the maximum statutory period for reply within the set or extended period for reply will, by streply received by the Office later than three months after the months after the months.	DN. R 1.136(a). In no evo to a reply within the state ariod will apply and w tatute, cause the app	ent, however, may a reply be ti utory minimum of thirty (30) da ill expire SIX (6) MONTHS fron lication to become ABANDONI	mely filed ys will be considered timely. n the mailing date of this communic ED (35 U.S.C. § 133).	cation.
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2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)	Attachmen	at(s)		<u></u>		
	2) Notice	ce of Draftsperson's Patent Drawing Review (PTO-948		5) Notice of Informal		

Application/Control Number: 09/458,132

Art Unit: 3629

DETAILED ACTION

Oath/Declaration

The oath or declaration is defective. A new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing date is required. See MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because:

It does not include a section stating that there was no deceptive intent and further, there is no mention of a specific error to be corrected.

Reissue Applications

This application is objected to under 37 CFR 1.172(a) as lacking the written consent of all assignees owning an undivided interest in the patent. The consent of the assignee must be in compliance with 37 CFR 1.172. See MPEP § 1410.01.

A proper assent of the assignee in compliance with 37 CFR 1.172 and 3.73 is required in reply to this Office action. The paper marked as "Statement under 37 CFR 3.73(b) is not a proper assent.

Drawings

New corrected drawings are required in this application because there are no drawings that incorporate the approved changes to figures 1 and 2. Applicant is advised to employ the services of a competent patent draftsperson outside the Office, as the

Application/Control Number: 09/458,132

Art Unit: 3629

U.S. Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

The form of the reissue application is incorrect. As per 37 CFR 1.173, (1)
"Specification, including claims. The entire specification, including the claims, of the patent for which reissue is requested must be furnished in the form of a copy of the printed patent in double column format, each page on only one side of a single sheet of paper."

The application is neither in double column format nor identical to the original patent and as such, the applicant is instructed to provide a new specification, including claims and further including new drawings reflecting previously approved changes, that is in compliance with the rules guiding reissue applications.

In accordance with 37 CFR 1.175(b)(1), a supplemental reissue oath/declaration under 37 CFR 1.175(b)(1) must be received before this reissue application can be allowed.

Claims 1-4, 16 and 17 are rejected as being based upon a defective reissue declaration under 35 U.S.C. 251. See 37 CFR 1.175. The nature of the defect is set forth above.

Application/Control Number: 09/458,132

Art Unit: 3629

Receipt of an appropriate supplemental oath/declaration under 37 CFR 1.175(b)(1) will overcome this rejection under 35 U.S.C. 251. An example of acceptable language to be used in the supplemental oath/declaration is as follows:

"Every error in the patent which was corrected in the present reissue application, and is not covered by a prior oath/declaration submitted in this application, arose without any deceptive intention on the part of the applicant."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael J Fisher whose telephone number is 703-306-5993. The examiner can normally be reached on Mon.-Fri. 7:30am-5:00pm alt Fri. off.

The fax phone number for the organization where this application or proceeding is assigned is 703-306-7687.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-2168.

JOHN G. WEISS SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 3600

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Page 4